

Applicant: Michael Karpusas et al.  
Application No.: 09/826,716  
Filed: April 25, 2001  
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Docket No. A062 US

### REMARKS

Claim 20 is pending in this application.

Support for the claim amendments can be found in the specification at page 16, last paragraph.

#### Title

Upon receipt of a notice of allowance for the pending claim Applicants will amend the title and abstract to reflect the allowed claims.

#### 112, second paragraph

Claim 20 stands rejected under 35 U.S.C. 112, second paragraph.

Applicants believe the amendment to the claim overcomes the rejection. Therefore, Applicants request that the rejection be withdrawn.

#### 112, first paragraph

Claim 20 stands rejected under 35 U.S.C. 112, first paragraph. Applicants believe the amendments to the claim overcomes the rejection. Therefore, Applicants request that the rejection be withdrawn. Claim 21 is not pending and therefore not addressed.

#### 102 and 103

Claim 20 stands rejected under 35 U.S.C. 102(b) and 103(a). The Examiner contends that claim 20 is anticipated by Holmvall et al. or Pfaff et al. or Kern et al. The Examiner also contends that claim 20 is obvious over Qu et al.

Applicants believe the amendments to the claim overcomes the rejections. Therefore, Applicants request that the rejections be withdrawn.

### Conclusions

In view of the foregoing amendment and remarks Applicants submit that the application is now in condition of allowance. Such action is respectfully requested.

If the Examiner believes that a telephone conversation with Applicants' Attorney would expedite the prosecution of this application, the Examiner is invited to contact the

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undersigned attorney at (617) 679-2079. Please apply any charges or credits to Deposit Account No. 02-2327.

Respectfully submitted,



Dated: February 13, 2004

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CLAIM AMENDMENT IN MARKED UP FORM

20. (Amended) A method for evaluating the ability of a chemical entity to associate with [at least] an [portion of] I-domain of the  $\alpha 1$  chain of the  $\alpha 1\beta 1$  integrin [or with a portion of an  $\alpha 1\beta 1$  integrin receptor,] or a complex comprising  $\alpha 1\beta 1$  integrin[, said receptor,] or homologs thereof, said method comprising the steps of:

- (a) employing computational or experimental means to perform a fitting operation between the chemical entity and said [at least a portion of]  $\alpha 1\beta 1$  integrin or [receptor] I-domain or complex thereof, thereby obtaining data related to said association; and
- (b) analyzing the data obtained in step a) to determine the characteristics of the association between the chemical entity and said at least a portion of  $\alpha 1\beta 1$  integrin or I-domain [receptor] or complex.